

## Resources

A Multivariate Time Series Guide to Forecasting and Modeling (with Python codes)

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Stationarity and Memory in Financial Markets

<https://medium.com/pit-ai-technologies/non-stationarity-and-memory-in-financial-markets-4b8d1200667c>

How to Create an ARIMA Model for Time Series Forecasting in Python

<https://machinelearningmastery.com/arima-for-time-series-forecasting-with-python/>

How to Make Manual Predictions for ARIMA Models with Python

<https://machinelearningmastery.com/make-manual-predictions-arima-models-python/>

Understand Time Series Forecast Uncertainty Using Confidence Intervals with Python

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A Gentle Introduction to Autocorrelation and Partial Autocorrelation

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Multivariate Time Series Forecasting with LSTMs in Keras

<https://machinelearningmastery.com/multivariate-time-series-forecasting-lstms-keras/>

How to Prepare Univariate Time Series Data for Long Short-Term Memory Networks

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How to Convert a Time Series to a Supervised Learning Problem in Python

<https://machinelearningmastery.com/convert-time-series-supervised-learning-problem-python/>

4 Common Machine Learning Data Transforms for Time Series Forecasting

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How to Use Features in LSTM Networks for Time Series Forecasting

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4 Strategies for Multi-Step Time Series Forecasting

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<https://machinelearningmastery.com/what-are-generative-adversarial-networks-gans/>

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How to Develop LSTM Models for Time Series Forecasting

<https://machinelearningmastery.com/how-to-develop-lstm-models-for-time-series-forecasting/>

Best Resources for Getting Started With Generative Adversarial Networks (GANs)

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LSTM Network for Regression

<https://www.kaggle.com/byronvinu/lstm-network-for-regression>

Lag Plot: Definition, Examples

<https://www.statisticshowto.datasciencecentral.com/lag-plot/>

Time Series Analysis Tutorial with Python

<https://www.datacamp.com/community/tutorials/time-series-analysis-tutorial>

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Stock Prediction using LSTM Recurrent Neural Network

<https://www.youtube.com/watch?v=zwqwlR48ztQ>

Technical Analysis Library in Python

<https://technical-analysis-library-in-python.readthedocs.io/en/latest/index.html>

Machine Learning Techniques applied to Stock Price Prediction

<https://towardsdatascience.com/machine-learning-techniques-applied-to-stock-price-prediction-6c1994da8001>

Optimizing deep learning trading bots using state-of-the-art techniques

<https://towardsdatascience.com/using-reinforcement-learning-to-trade-bitcoin-for-massive-profit-b69d0e8f583b>

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How to Use Power Transforms for Time Series Forecast Data with Python  
<https://machinelearningmastery.com/power-transform-time-series-forecast-data-python/>

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Time Series Analysis for Financial Data V — ARIMA Models  
<https://medium.com/auquan/time-series-analysis-for-finance-arma-models-acb5e39999df>

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Time Series Analysis for Financial Data II — Auto-Regressive Models  
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Forecasting stock returns: What signals matter, and what do they say now?  
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Adjusting Prices for Inflation in Python with Pandas Merge  
<https://towardsdatascience.com/adjusting-prices-for-inflation-in-pandas-daaaa782cd89>

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Boxcox transform on train & test data

<https://www.kaggle.com/ratman/boxcox-transform-on-train-test-data>

Feature Importance and Feature Selection With XGBoost in Python

<https://machinelearningmastery.com/feature-importance-and-feature-selection-with-xgboost-in-python/>

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An Interactive Introduction to Fourier Transforms

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Autoregressive Integrated Moving Average ARIMA(p, d, q) Models for Time Series Analysis

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Using Python and Auto ARIMA to Forecast Seasonal Time Series

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Generating Financial Series with Generative Adversarial Networks

<https://quantdare.com/generating-financial-series-with-generative-adversarial-networks/>

Stock Market Prediction on High-Frequency Data Using Generative Adversarial Nets

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REAL-VALUED (MEDICAL) TIME SERIES GENERATION WITH RECURRENT CONDITIONAL GANS

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Predict Stock Prices Using RNN: Part 1

<https://lilianweng.github.io/lil-log/2017/07/08/predict-stock-prices-using-RNN-part-1.html>

Predicting stock market crashes

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Deep Learning the Stock Market

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Build High Performance Time Series Models using Auto ARIMA in Python and R

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A comprehensive beginner's guide to create a Time Series Forecast (with Codes in Python)  
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PREDICTING AND BEATING THE STOCK MARKET WITH MACHINE LEARNING AND TECHNICAL ANALYSIS  
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<https://github.com/alexavierc/LSTM-Stock-Prices/blob/master/LSTM%20Single%20Company.ipynb>

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Stock Market Prediction by Recurrent Neural Network on LSTM Model

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Using a Keras Long Short-Term Memory (LSTM) Model to Predict Stock Prices

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Multivariate Time Series Imputation with Generative Adversarial Networks

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Deep Learning — Generative Adversarial Network(GAN)

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Generative Adversarial Network(GAN) using Keras

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Collection of generative models, e.g. GAN, VAE in Pytorch and Tensorflow

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Keras Conv1D: Working with 1D Convolutional Neural Networks in Keras

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